

Mr. Rick Singer
Buckhorn, Inc.
785 South Decker Drive
Bluffton, IN 46714

Re: 179-12252
Notice-only change to
MSOP 179-9052-00024

Dear Mr. Singer:

Buckhorn, Inc. was issued a permit on January 28, 1998 for a high density polyethylene foam structure production process. A letter requesting the addition of one (1) extruder/injection molding press and one (1) vacuum receiver, was received on May 5, 2000. Recent test results of polyethylene plastic processes supplied by the WDNR (Wisconsin Department of Natural Resources), showed an average emission factor of 1.0 pound of VOC per ton of material. The OAM has reviewed such test results and accepted this emission factor for polyethylene plastic processing. Based on this emission factor, the potential to emit of VOC from the new molding press is 7.88 tons per year. The vacuum receiver has no emissions based on past permitting determinations for similar units. Because the potential to emit of VOC for the new units is less than 10 tons per year, the addition of the two (2) new units are considered to be descriptive changes only to the permit. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (changes are bolded and crossed out for emphasis):

1. The description of the source, listed on page 2 of 10, is revised to reflect the new units (changes are bolded and crossed out for emphasis):
 - (a) One (1) new extruder/injection molding press, identified as Press 7. This press will handle the increase of 2,400 pounds per hour (lb/hr) of polyethylene foam to be extruded.
 - (b) A raw material receiving and handling process, with a capacity of 28,000 pounds per hour (lb/hr), which includes; four (4) silos SI01 through SI04 controlled by two (2) baghouses V2 and V3 , and one (1) vacuum receiver controlled by filter V1.
 - (c) An intermediate material handling process, with a capacity of 12,500 lbs/hr which includes; two (2) surge bins, identified as SB01 and SB02 controlled by baghouses V4 and V5 respectively, and one (1) pressure receiver VF05 controlled by baghouse V6.
 - (d) A High Density Polyethylene extrusion process, with a capacity of 8,500 lbs/hr, which includes; six (6) 500 lb/hr extruders/injection molding presses designated as press 1, through press 6, two (2) vacuum receivers with a capacity of 600 lbs/hr each, eight (8) vacuum receivers with a capacity of 1,200 lbs/hr. These vacuum receivers are controlled by three (3) filters V7, V8 and V9, and
 - (e) A grinding process with a capacity of 800 lbs/hr of polyethylene scrap. This process is vented inside the building.

- (f) **One (1) extruder/injection molding press, identified as Press 8. This press is used to handle the increase of 3,600 pounds per hour (lb/hr) of polyethylene foam to be extruded.**
- (g) **One (1) vacuum receiver with a capacity of 3,600 lbs/hr, controlled by one (1) filter designated as V10.**

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Nysa L. James, at (800) 451-6027, press 0 and ask for Nysa L. James or extension (3-6875), or dial (317) 233-6875.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Management

Attachments

NLJ

cc: File - Wells County
U.S. EPA, Region V
Wells County Health Department
Air Compliance Section Inspector - Jim Thorpe
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

**CONSTRUCTION PERMIT
OFFICE OF AIR MANAGEMENT**

**Buckhorn, Inc.
785 South Decker Drive
Bluffton, Indiana 46714**

is hereby authorized to construct
the equipment listed in the Page 2 of this permit.

This permit will supersede construction permit CP179-5648-00022, issued on September 23, 1996.

This permit is issued to the above mentioned company (herein known as the Permittee) under the provisions of 326 IAC 2-1 and 40 CFR 52.780, with conditions listed on the attached pages.

Construction Permit No.: CP-179-9052-00024	
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date: January 28, 1998
First Notice Only Change: 179-12252	Pages Affected: 2
Issued by: Paul Dubenetzky, Branch Chief Office of Air Management	Issuance Date:

- (a) One (1) new extruder/injection molding press, identified as Press 7. This press will handle the increase of 2,400 pounds per hour (lb/hr) of polyethylene foam to be extruded.
- (b) A raw material receiving and handling process, with a capacity of 28,000 pounds per hour (lb/hr), which includes; four (4) silos SI01 through SI04 controlled by two (2) baghouses V2 and V3, and one (1) vacuum receiver controlled by filter V1.
- (c) An intermediate material handling process, with a capacity of 12,500 lbs/hr which includes; two (2) surge bins, identified as SB01 and SB02 controlled by baghouses V4 and V5 respectively, and one (1) pressure receiver VF05 controlled by baghouse V6.
- (d) A High Density Polyethylene extrusion process, with a capacity of 8,500 lbs/hr, which includes; six (6) 500 lb/hr extruders/injection molding presses designated as press 1, through press 6, two (2) vacuum receivers with a capacity of 600 lbs/hr each, eight (8) vacuum receivers with a capacity of 1,200 lbs/hr. These vacuum receivers are controlled by three (3) filters V7, V8 and V9, and
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- (g) One (1) vacuum receiver with a capacity of 3,600 lbs/hr, controlled by one (1) filter designated as V10.